DECLARATION

I, Hisako HOSOYA of 6-14, Seijo, Setagaya-ku, Tokyo, Japan, do solemnly and sincerely declare that I understand the Japanese language and the English language well, and that the attached English version is a true and faithful translation made by me of the application in Box II-4ja at Page 1/4 for the international application No. PCT/JP99/05273.

I also declare that the error is clerical, and that it results from the fact that the Chinese character of the first inventor's family name "東" can be read and pronounced as "higashi" and "azuma".

I make this solemn declaration conscientiously believing the same to be true.

April 19, 2002

) Lisako Hosoya Hisako HOSOYA

PLÉASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

- Application Numbers

COMBINED DECLARATION AND POWER OF ATTORNEY

ATTORNEY DOCKET NO. 1155-0198P

FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor. I hereby declare that: my resider

•		itor, i nereby deciare mat.						
•	stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor							
	is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject							
Insert Title:	matter which is claimed and for which a patent is sought on the invention entitled:							
nisert ride.	ORTHOALKYLATION (CATALYST FOR PHENO	AND PROCESS FOR	PRODUCIN	G			
	ORTHOALKYLATED PI	HENOL WITH USE THE	REOF	·····		-		
Fill in Appropriate	the appeignation of which is							
Information -	the specification of which is	attached nereto. If not a	ttached hereto,					
For Use Without	, the specification	on was filed on			as			
Specification	United States App	olication Number		; and /	or			
Attached:		sur a Sont	combox 29 1000					
	-		tember 28, 1999		as PCT			
		olication Number <u>PCT</u>	/JP99/05273	; and	was			
	amended under I	PCT Article 19 on		_ (if applical	ole)			
	I hereby state that I have reviewed and understand the contents of the above identified specification,							
	including the claims, as amended by any amendment referred to above.							
	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37,							
	Code of Federal Regulations, §1.56.							
	I do not know and do not believe the same was ever known or used in the United States of America before							
	my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or							
	on sale in the United States							
	been patented or made the							
•	country foreign to the Unit							
	assigns more than truelus me	nthe (six menths for design	application filed by file	or my legal	represent	atives or		
	assigns more than twelve mo							
	patent or inventor's certification	ate on this invention has b	een filed in any country	toreign to th	ie United	States of		
	America prior to this applic	ation by me or my legal re	presentatives or assigns,	except as to	llows.			
	i nereby claim foreign	priority benefits under Ti	tle 35, United States Co	de, §119 (a)-	(d) of an	y foreign		
	application(s) for patent o	r inventor's certificate lis	ted below and have also	o identified	below any	/ foreign		
	application for patent or in	ventor's certificate having	g a filing date before th	at of the app	olication of	on which		
Incom Priority	priority is claimed:							
Insert Priority Information:	D.: Fancis A	(-)			.	a		
(if appropriate)	Prior Foreign Application 273160/1998	Japan	September 2	8. 1998	Priority (Claimed		
• • •	(Number)	(Country)	(Month/Day/Year File		X	Ļ		
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	(Number)	(Country)	(Month/Day/Year File	d)	☐ Yes	∏ No		
	I hereby claim the bene	efit under Title 35, United	· · · · · · · · · · · · · · · · · · ·					
	application(s) listed below.	an under Title 33, Office	otates coue, 3119(e) 0	any onned	states pre	ovisional		
Insert Provisional	application(s) listed below.							
Application(s):	(Application Number)			(Filing Date)				
(if any)				(Timig Date)				
	(Application Number)			(Filing Date)				
	· ·							
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More Than 12 Months (6 Months for Designs) Prior To The Filing Date of This Application:							
Insert Requested	Country	-		D 6 E				
Information:	Country	•	Application No.	Date of F	iling (Month	i/Day/Year)		
(if appropriate)								
• • • ·		<u> </u>						
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s)							
	listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the							
	prior United States application in the manner provided by the first paragraph of Title 35, United States Code,							
		\$112. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37,						
	Code of Federal Regulation	Code of Federal Regulations, §1.56 which became available between the filing date of the prior application						
	and the national or PCT int							
Insert Prior U.S.			1.1					
Application(s):	. Vanheation Number	(ETE., - IV	10-					
(if any)	Application Number)	(Filing Date)	(Sian	is - patented, pendin	g, abandoned)			

(Filing Date)

(Status - patented, pending, abandoned)

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Terrell C. Birch	(Reg. No. 19,382)	Raymond C. Stewart	(Reg. No. 21,066)
Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
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Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28,977)
Leonard R. Svensson	(Reg. No. 30,330)	Terry L. Clark	(Reg. No. 32,644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Weiner	(Reg. No. 32,181)
Joe McKinney Muncy	(Reg. No. 32,334)	Andrew F. Reish	(Reg. No. 33,443)
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Send Correspondence to:

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PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole Inventor:	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	- /	DATE.		
Insert Name of Inventor Insert Date This	Mitsuhiro	HIGASHI	Mitsuhiro	Higashi	May 1, 2000		
Document is Signed	Residence (City, State & Country) CITIZENSHIP						
Insert Residence Insert Citizenship	Wakayama-shi, Wakayama, Japan Japanese						
Insert Post Office Address	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) C/O HONSHU CHEMICAL INDUSTRY CO., LTD. Research Center, 5-115, Kozaika 2-chome, Wakayama-shi, Wakayama 641-0007, Japan						
	2-cnome, waka	yama-sni, wakaya FAMHY NAME	INVENTOR'S SIGNATURE	dii	DATE*		
Full Name of Second Inventor, if any:	Masamitsu	TANAKA	masumitsu:	Tanaka	May 1, 2000		
see above '	Residence (City, State 8			CITIZENSHIP			
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Full Name of Third	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	1	DATE.		
Inventor, if any	Kenji	EKAWA	Kenin Eka	a wat	May 1, 2000		
see above	Residence (City, State & Wakayama-shi,	Country) Wakayama, Japan	1	CITIZENSHIP Japanes	se		
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o HONSHU CHEMICAL INDUSTRY CO., LTD. Research Center, 5-115, Kozaika 2-chome. Wakayama-shi. Wakayama 641-0007, Japan						
Full Name of Fourth Inventor, if any	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE		
sce above	Residence (City, State &	k Country)		CITIZENSHIP	<u>, , , , , , , , , , , , , , , , , , , </u>		
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)						
Full Name of Fifth Inventor, if any	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE.		
see above	Residence (City, State &	Country)		CITIZENSHIP			
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country)						